# SURVEILLANCE AND RECONNAISSANCE MANAGEMENT FOR THE JTF COMMANDER

## NAVY TENCAP PROJECT RADIANT TOPAZ


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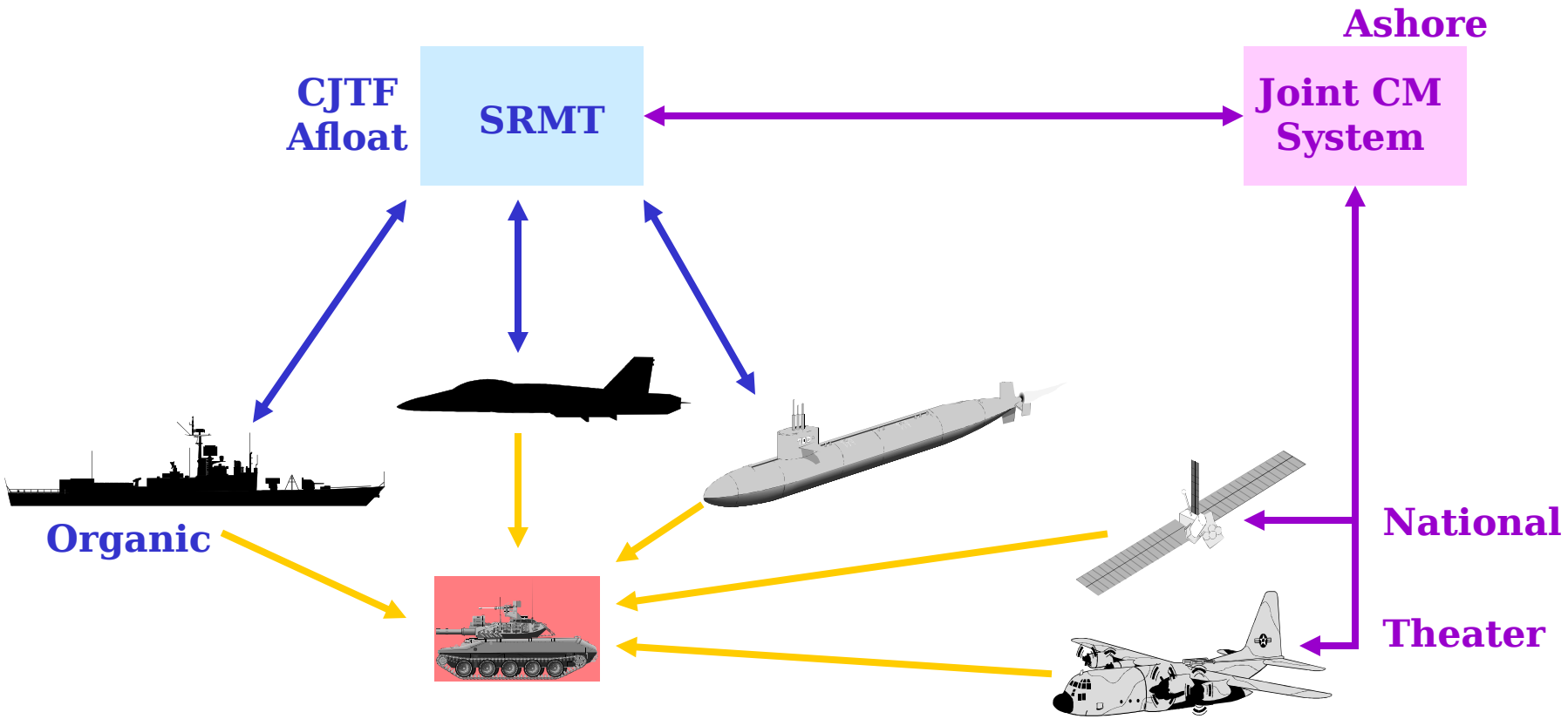
# SURVEILLANCE AND RECONNAISSANCE MANAGEMENT FOR THE JTF COMMANDER

## OPERATIONAL REQUIREMENT

**Develop a capability for Joint Task Force Commanders to manage organic surveillance and reconnaissance resources in response to ra changes in operational priorities -- with full insight into, and in coor with, collection activities of theater and national intelligence system**

# SURVEILLANCE AND RECONNAISSANCE MANAGEMENT FOR THE JTF COMMANDER

## SURVEILLANCE AND RECONNAISSANCE MANAGEMENT TOOL (Concept)

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# SURVEILLANCE AND RECONNAISSANCE MANAGEMENT FOR THE JTF COMMANDER

## IMPLEMENTATION

- Software “segment” within GCCS 4.x
  - DII/COE level 7 compliant
  - Development in parallel with GCCS I3

- Proposed customers
  - JTF commanders
  - Navy: Fleet Cdrs / CARGRU / CRUDESGRU / PHIBGRU
  - Army: Corps / Division
  - Marines: MEF / MEU
  - Air Force: Numbered Air Force / Expeditionary Force

- Who is a Surveillance and Reconnaissance Manager?
  - A focus of the development plan
  - Cooperative effort between TENCAP and DNI
  - Participation by Navy Reservists

- Shipboard evaluation of Phase I prototype beginning JUN 01

- TECHEVAL / OPEVAL FY02 (with GCCS-M Ver 4.x)

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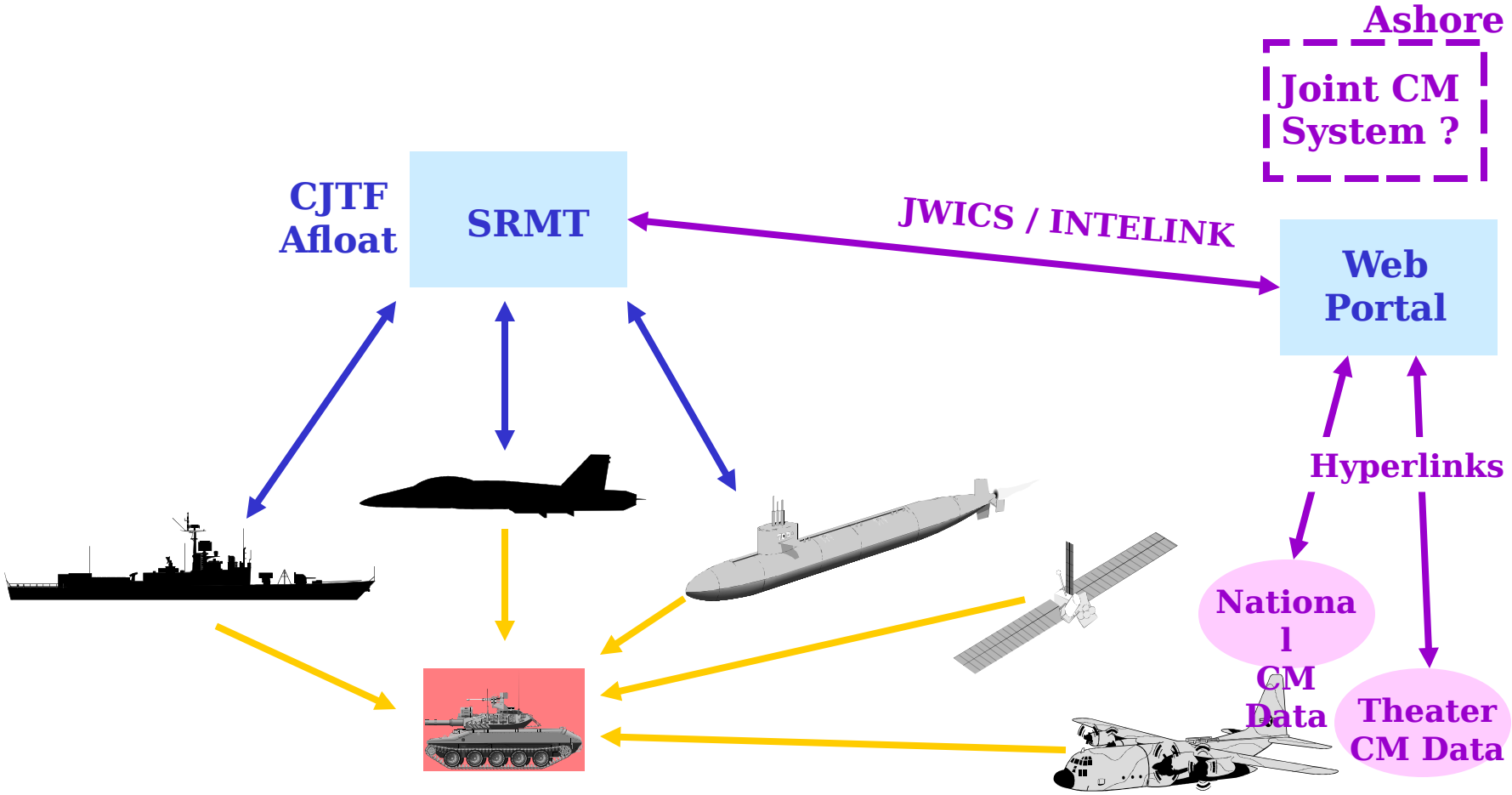
# SURVEILLANCE AND RECONNAISSANCE MANAGEMENT FOR THE JTF COMMANDER

## SURVEILLANCE AND RECONNAISSANCE MANAGEMENT TOOL
## (Portal Implementation)

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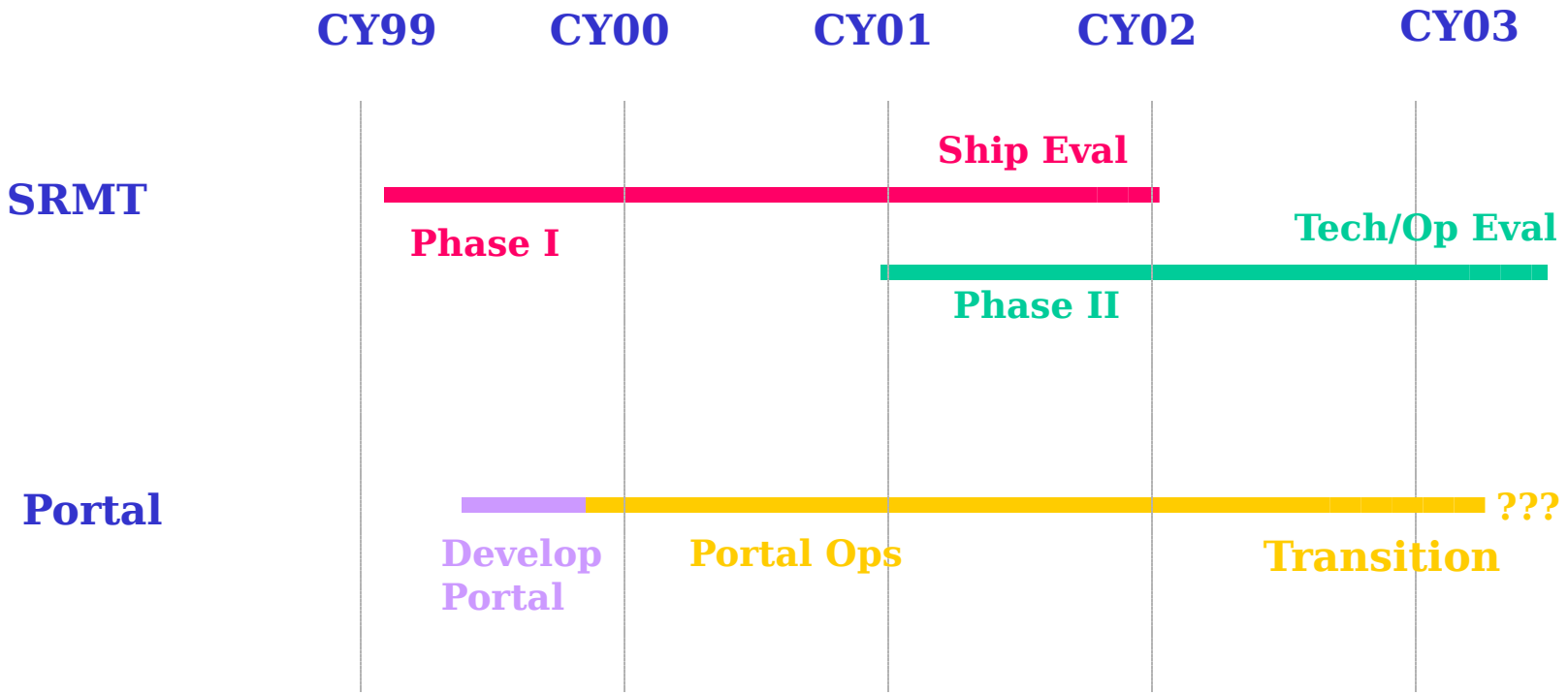
## PORTAL STATUS

**http://portal.nrad.navy.ic.gov/webpages/web.html**

- **User statistics**
  - **Joint users: 200-300**
  - **Number of visits to CM databases on INTELINK: 10,000 – 20,0**
  - **Not one line of new software code deployed to provide this se**
- **Web Master**
  - **5 days a week**
- **Unique Portal function (requested by users): Translation**
  - **Oilstock overlay to Rainform Gold overlay**
- **Unique Portal function (requested by users): Chat mode**
- **Transition options (DIA/CL; JDISS PMO)**

# SURVEILLANCE AND RECONNAISSANCE MANAGEMENT FOR THE JTF COMMANDER

## SCHEDULE

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# SURVEILLANCE AND RECONNAISSANCE MANAGEMENT FOR THE JTF COMMANDER

## OBSERVATIONS

- GCCS 4.x with I3 + SRMT should give JTF commanders a powerful set of IS management tools

- Missing elements
  - Collaboration between JTF commanders and theater / national sens
    - > When authorized by theater CINC
  - GENSER support for surveillance and reconnaissance management
    - > SIPRNET

- Web technology can be a powerful element of collection management
  - Near term: Evolutionary Web Portal
    - > Advanced “sockets” and “plug ins”
  - Longer term: Full web environment
    - > Multi-level security

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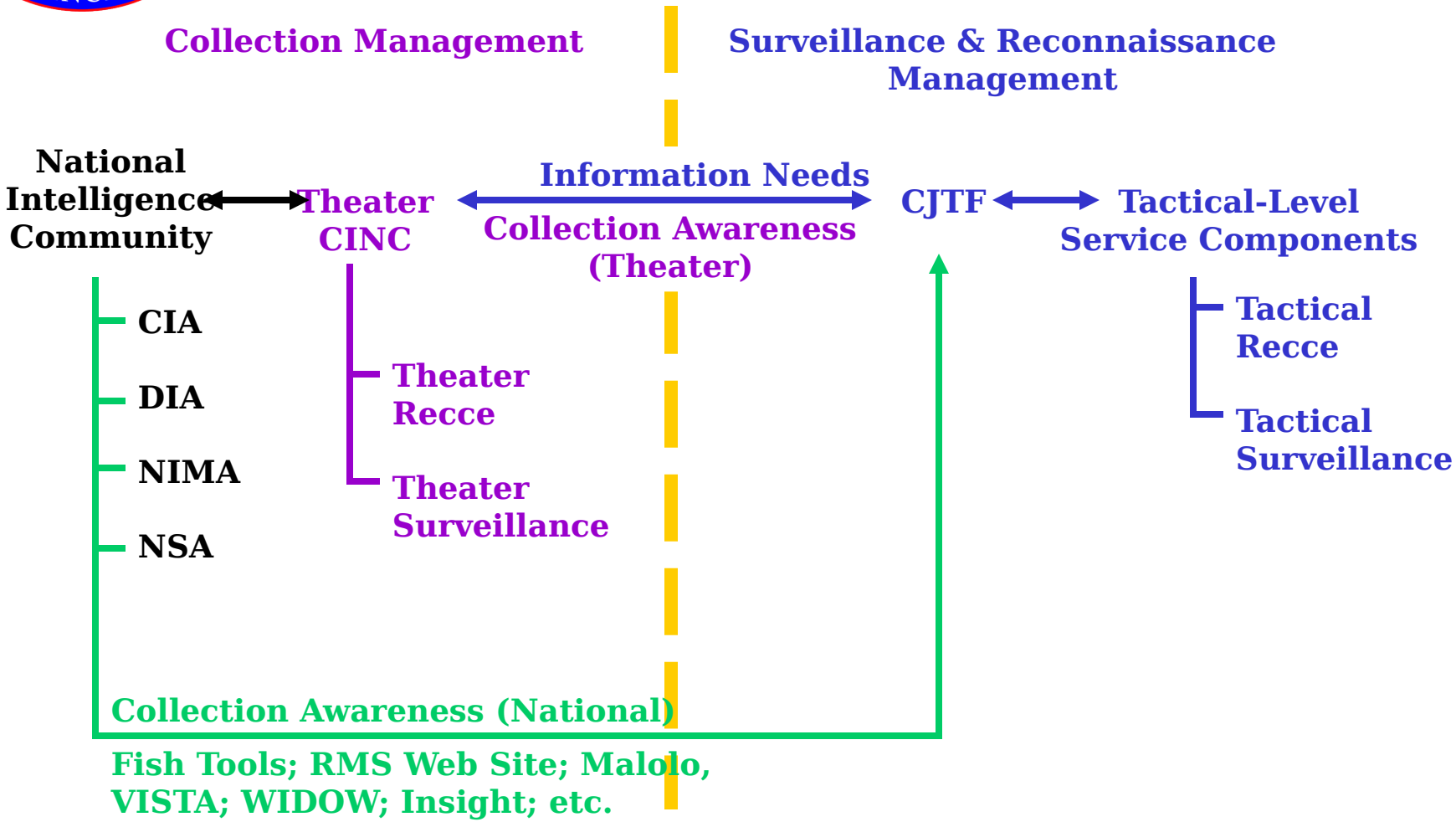
## CURRENT SENSOR MANAGEMENT "ARCHITECTURE"

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# SURVEILLANCE AND RECONNAISSANCE MANAGEMENT FOR THE JTF COMMANDER

## EVOLUTION OF SENSOR MANAGEMENT CONCEPTS

| | Collection Management | | Surveillance and Reconnaissance Management |
|---|---|---|---|
| Yesterday | RMS<br>SIGINT / MASINT Amps<br>JCMT<br>ICM ACTD | | Adhoc Local Solutions<br>(Spread Sheets; Bar Graphs; etc.)<br>JCMT "Lite"<br>ICM ACTD "Tactical" |
| Today | RMS<br>SIGINT / MASINT Amps<br>EUCOM's PRISM | Web Portal | Adhoc Local Solutions<br>(Spread Sheets; Bar Graphs; etc.) |
| Tomorrow | CENTCOM's CST<br>JDISS PMO's CM<br>DIA's CICMP? | Advanced Web Portal? | SRMT<br>ISR Manager |

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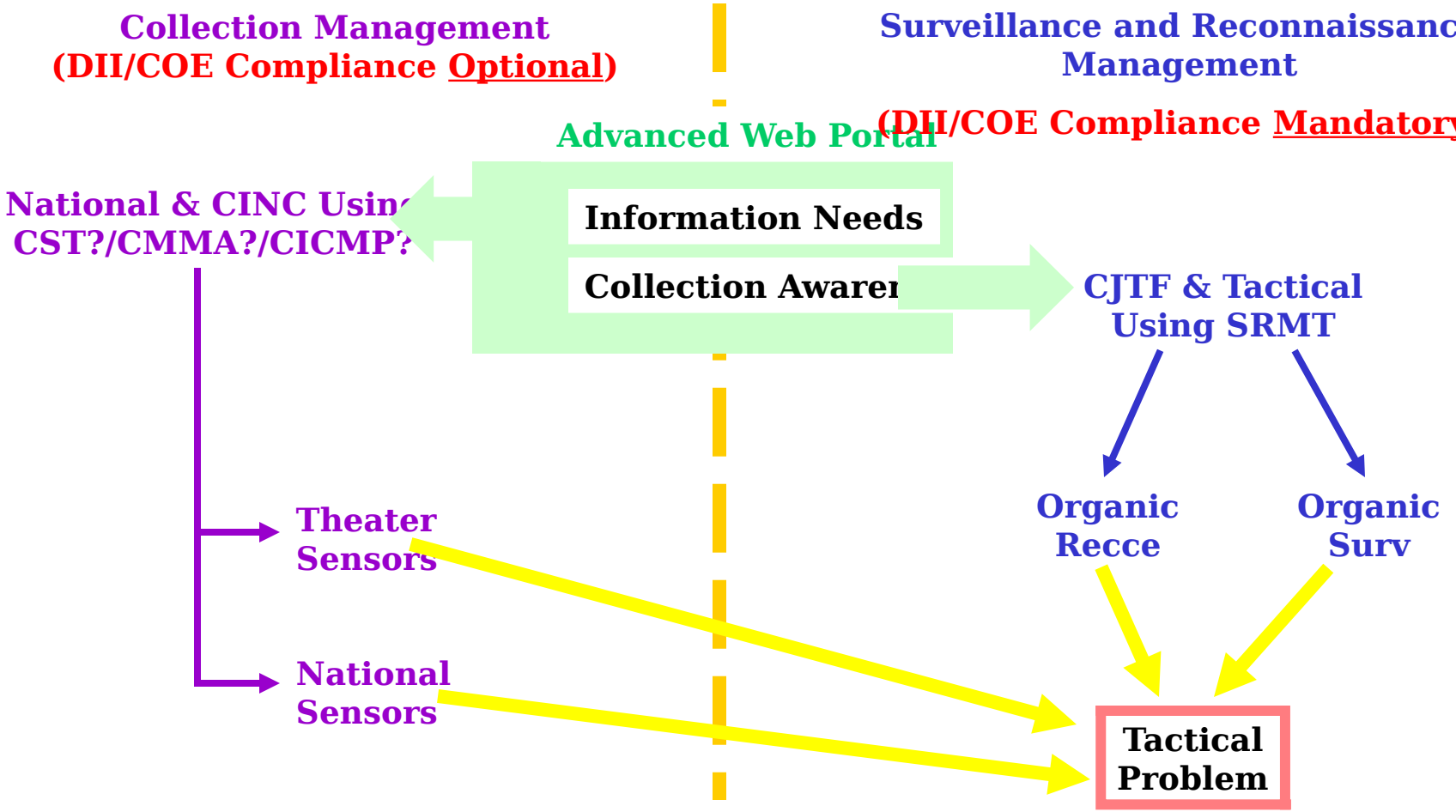
## CONCEPT FOR A FUTURE SENSOR MANAGEMENT "ARCHITECTURE"

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